



# ELECTRONICS TECHNOLOGY

ENGINEERING, SCIENCE & MATHEMATICS CAREER PATHWAY



## STAY CURRENT WITH AN IN-DEMAND JOB IN THIS GROWING FIELD.

TCC's electronics technology program prepares you for a variety of careers helping to design and construct electronic circuits to solve practical problems in engineering.

TCC's instruction emphasizes a hands-on approach, use of sophisticated test equipment, and a solid understanding of information concerning computer hardware and software for technical applications. You'll learn in one of the most advanced training labs in the nation and master the practical skills you need to work with, repair, and troubleshoot analog and digital electronics.

Paid internship opportunities with companies like Dominion Virginia Power and Virginia International Terminals ensure many students graduate with experience—and job offers.

## PROGRAMS

### ASSOCIATE OF APPLIED SCIENCE IN ELECTRONICS TECHNOLOGY

*Complete in as few as 4 semesters / 63 credits*

You will learn the fundamentals of DC and AC, digital electronics, amplifiers, integrated circuits, and microprocessors from instructors with practical industry knowledge.

### CERTIFICATE IN ELECTRONIC ENGINEERING TECHNOLOGY

*Complete in as few as 4 semesters / 38 credits*

With a certificate in electronics engineering technology, you'll be ready to upgrade your skills for job advancement or enter a new high-paying career. Learn the ins and outs of simple to complex AC-DC circuits, master methods for troubleshooting digital systems, and gain expertise in semiconductor devices within circuits and their applications and diodes.



## TCC FAST FACT

**TCC is home to one of the most sophisticated electronics labs in Virginia.**

## POSSIBLE CAREER PATHS

- Electronic tester
- Electronic systems integrator
- Electronics engineering technician
- Instrumentation technician
- Transfer to a four-year institution

## IS THIS PROGRAM FOR YOU?

Yes, if you:

- like problem solving
- enjoy working with instrumentation
- have an aptitude for science or technology

## PROGRAM AVAILABILITY

- Virginia Beach

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